ENTERPRISE RECOVERY SYSTEMS SITE
MONTHLY PROGRESS REPORT
APRIL 15, 1995

The following report is submitted in compliance with the Administrative Order on Consent. This report should not be regarded as an exhaustive account of activities on or related to the Site.

PERIOD COVERED: March 15 - April 15, 1994

I. SIGNIFICANT DEVELOPMENTS DURING PERIOD

A. Actions Performed

During this time period, Woodward-Clyde Consultants (WCC) prepared a memo to Mr. Bob Rosen EPA-OSC which presented the results of the sampling activity performed in accordance with the third Soil Removal Workplan addendum. This memo was submitted to the EPA via the ERS Executive Committee Chairman and is attached with this monthly report.

B. Problems Encountered

No problems were encountered during this reporting period

II. ANALYTICAL DATA RECEIVED DURING PERIOD

Please refer to the attached memo.

III. DEVELOPMENTS ANTICIPATED DURING NEXT PERIOD

A. Schedule of Actions to be Performed

WCC will begin coordinating the backfilling activities at the site following a review and written approval of the information presented in the attached memo by the EPA. The final activities at the site will include backfilling and seeding Areas A and C.

B. Anticipated Problems

None

C. Planned Resolutions of Past or Anticipated Problems

None

WOODWARD-CLYDE CONSULTANTS

MEMORANDUM

To: Bob Rosen, EPA On-Scene Coordinator

From: Andrew Eversull
ERS - Project Coordinator

Office: Jackson, MS

Date: April 7, 1995

Subject: ERS Site - Area C Soil and Water sample results

Woodward-Clyde Consultants (WCC) performed the Area C soil sampling as described in the Soil Removal Workplan Addendum 3 on March 10, 1995. Four soil samples were collected along the eastern perimeter of the Area C pit. In addition, WCC also collected a water sample from the pit to characterize the water for proper disposal. The attached Tables 1 and 2 and Figure 1 present the sample results and soil sample locations. The soil sample results are significantly below the AOC action limits. Further, the low concentrations in the latest analyses show that concentrations previously found at location C25 and C26 taper off significantly within a distance of merely a few feet and therefore do not appear to have migrated. Accordingly, no additional excavation is appropriate under the AOC, and no further excavation is proposed.

Water sample results indicate the water in the Area C pit is not hazardous (Table 2). Water samples were also submitted to two waste disposal companies for disposal characterization. WCC estimates the Area C pit contains approximately 35,000-40,000 gallons of water which must be properly disposed.

Following the water removal from the Area C pit, Areas A and C will be backfilled using the concrete and soil stockpiles on the site as previously approved by the EPA, and additional backfill material will be transported to the site as needed. The backfilled areas will be graded and seeded to complete the on site activities under the Soil Removal Workplan.

Completion of these tasks would complete the removal actions required by the AOC.

TABLE 1

ERS SITE
AREA C SOIL SAMPLE RESULTS

Sample Number	ERS-S-GP1	ERS-S-GP2	ERS-S-GP3	ERS-S-GP4	AOC LIMITS
Units	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Depth	(10-12 ft.)	(10-12 ft.)	(4-6 ft.)	(4-6 ft.)	
ANALYTES					
Acetone	BRL	BRL	BRL	BRL	500
Ethylbenzene	BRL	BRL	BRL	BRL	500
MEK	BRL	BRL	BRL	BRL	500
Toluene	BRL	BRL	BRL	BRL	500
1,1,1- TCA	0.160	BRL	0.260	BRL	250
TCE	1.400	1.200	0.390	0.630	50
Xylenes (Total)	BRL	BRL	BRL	BRL	500

All soil samples collected on March 10, 1995.
BRL = Below Reporting Limit
MEK = Methyl ethyl ketone
1,1,1 - TCA = 1,1,1 - Trichloroethane
TCE = Trichloroehtlyene

TABLE 2

ERS SITE
AREA C WATER RESULTS[1]

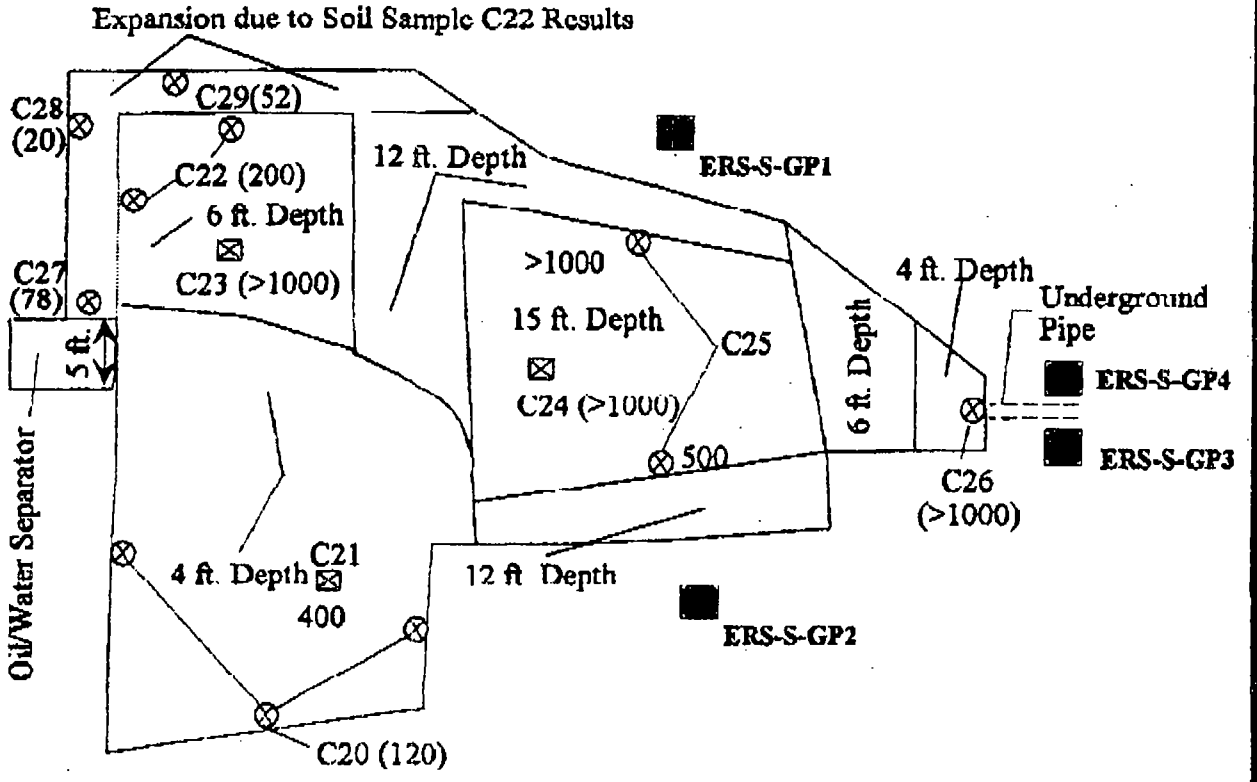
ANALYTES	RESULTS (mg/l)	REGULATORY LEVEL (mg/l)
TCLP VOLATILE ORGANICS		
Benzene	ND[2]	0.5
Carbon Tetrachloride	ND	0.5
Chlorobenzene	ND	100.0
Chloroform	ND	6.0
1,4-Dichlorobenzene	ND	7.5
1,2-Dichloroethane	ND	0.5
1,1-Dichloroethene	ND	0.7
Methyl Ethyl Ketone	ND	200.0
Tetrachloroethene	ND	0.7
Trichloroethene	0.395	0.5
Vinyl Chloride	ND	0.2
TCLP SEMIVOLATILES		
2,4-Dinitrotoluene	ND	0.13
Hexachlorobenzene	ND	0.13
Hexachlorobutadiene	ND	0.5
Hexachloroethane	ND	3.0
2-Methylphenol	ND	200.0
3&4-Methylphenol	ND	200.0
Nitrobenzene	ND	2.0
Pentachlorophenol	ND	100.0
2,4,5-Trichlorophenol	ND	400.0
2,4,6-Trichlorophenol	ND	2.0
Pyridine	ND	5.0
METALS		
Arsenic	<0.5	5.0
Barium	0.370	100.0
Cadmium	<0.04	1.0
Chromium	<0.07	5.0
Lead	<0.45	5.0
Mercury	<0.001	0.2
Selenium	<0.75	1.0
Silver	<0.07	5.0

[1] Water sample collected on March 9, 1995
[2] ND = Not Detected

TABLE 2 (Continued)

ERS SITE
AREA C WATER RESULTS

TEST	Results
Reactive Cyanide	<0.005 (mg/l)
Reactive Sulfide	<0.005 (mg/l)
Ignitability/Flashpoint	>96 (°C)
pH	6.7 (SU)



LEGEND

⊗ 980	OVA Wall Sample Location and Concentration (ppm)
⊠ 100	OVA Floor Sample Location and Concentration (ppm)
C22	Soil Sample Identification Number
■	Geo Probe Soil Sample Locations Samples Collected on March 10, 1995

AREA C

SOIL SAMPLE LOCATIONS

WOODWARD-CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

DR. BY: ACE	SCALE: 1" = 7'	PROJ. NO: 93B477
CHK. BY:	DATE: 3/18/95	FIG. NO: 1